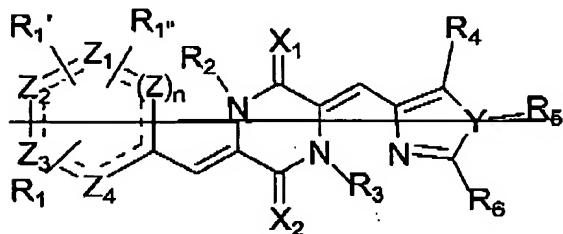
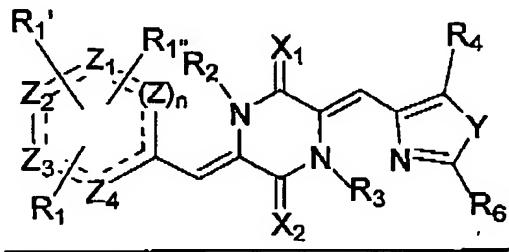


Appl. No. : 10/632,531
 Filed : August 1, 2003

AMENDMENTS TO THE CLAIMS

1-14. (CANCELLED)

15. (CURRENTLY AMENDED) A compound having the structure of Formula (I):



(I)

wherein

R_1 , R_4 , and R_6 , are each separately selected from the group consisting of a hydrogen atom, a halogen atom, and saturated C_1 - C_{24} alkyl, unsaturated C_1 - C_{24} alkenyl, cycloalkyl, cycloalkenyl, alkoxy, cycloalkoxy, aryl, substituted aryl, heteroaryl, substituted heteroaryl, amino, substituted amino, nitro, azido, substituted nitro, phenyl, and substituted phenyl groups, hydroxy, carboxy, $-CO-O-R_7$, cyano, alkylthio, halogenated alkyl including polyhalogenated alkyl, halogenated carbonyl, and carbonyl- $CCO-R_7$, wherein R_7 is selected from a hydrogen atom, a halogen atom, and saturated C_1 - C_{24} alkyl, unsaturated C_1 - C_{24} alkenyl, cycloalkyl, cycloalkenyl, alkoxy, cycloalkoxy, aryl, substituted aryl, heteroaryl, substituted heteroaryl, amino, substituted amino, nitro, azido, substituted nitro, phenyl, and substituted phenyl groups;

R_1' and R_1'' are each independently selected from the group consisting of a hydrogen atom, a halogen atom, and saturated C_1 - C_{24} alkyl, unsaturated C_1 - C_{24} alkenyl, cycloalkyl, cycloalkenyl, alkoxy, cycloalkoxy, aryl, substituted aryl, heteroaryl,

Appl. No. : 10/632,531
Filed : August 1, 2003

substituted heteroaryl, amino, substituted amino, nitro, azido, substituted nitro, phenyl, and substituted phenyl groups, hydroxy, carboxy, -CO-O-R₇, cyano, alkylthio, halogenated alkyl including polyhalogenated alkyl, halogenated carbonyl, and carbonyl -CCO-R₇, wherein R₇ is selected from a hydrogen atom, a halogen atom, and saturated C₁-C₂₄ alkyl, unsaturated C₁-C₂₄ alkenyl, cycloalkyl, cycloalkenyl, alkoxy, cycloalkoxy, aryl, substituted aryl, heteroaryl, substituted heteroaryl, amino, substituted amino, nitro, azido, substituted nitro, phenyl, and substituted phenyl groups;

R, R₁' and R₁" are either covalently bound to one another or are not covalently bound to one another;

R₂, R₃, and R₅ are each separately selected from the group consisting of a hydrogen atom, a halogen atom, and saturated C₁-C₁₂ alkyl, unsaturated C₁-C₁₂ alkenyl, acyl, cycloalkyl, alkoxy, cycloalkoxy, aryl, substituted aryl, heteroaryl, substituted heteroaryl, amino, substituted amino, nitro, and substituted nitro groups, sulfonyl and substituted sulfonyl groups;

X₁ and X₂ are separately selected from the group consisting of an oxygen atom, a nitrogen atom, and a sulfur atom, each either unsubstituted or substituted with a R₅ group, as defined above;

Y is selected from the group consisting of a nitrogen atom, a nitrogen atom substituted with R₅, an oxygen atom, a sulfur atom, a oxidized sulfur atom, and a methylene group substituted with one or more R₅ and a substituted methylene group;

n is an integer equal to zero, one or two;

Z, for each separate n, if non-zero, and Z₁, Z₂, Z₃ and Z₄ are each separately selected from a carbon atom, a sulfur atom, a nitrogen atom or an oxygen atom; and the dashed bonds may be either single or double bonds;

with the proviso that, in a particular compound, if R₁, R₁', R₂, R₃, R₄ and R₅ are each a hydrogen atom, then it is not true that: 1) X₁ and X₂ are each an oxygen atom and 2) R₆ R₄ is either 3,3-dimethylbutyl-1-ene 3,3-dimethylpropyl-1-ene or a hydrogen atom.

16. (ORIGINAL) The compound of claim 15, wherein each of R₂, R₃, R₅ and R₆ is a hydrogen atom.

Appl. No. : 10/632,531
Filed : August 1, 2003

17. (ORIGINAL) The compound of claim 15, wherein each of X₁ and X₂ is an oxygen atom.

18. (ORIGINAL) The compound of claim 15, wherein R₄ is a saturated C₁-C₁₂ alkyl.

19. (ORIGINAL) The compound of claim 15, wherein the saturated C₁-C₁₂ alkyl is a tertiary butyl group.

20. (ORIGINAL) The compound of to claim 15, wherein R₁ is a substituted phenyl group.

21. (ORIGINAL) The compound of claim 20, wherein the substituted phenyl group is methoxybenzene.

22. (ORIGINAL) The compound according to claim 15, wherein n is equal to zero or one.

23. (ORIGINAL) The compound according to claim 15, wherein n is equal to one.

24. (ORIGINAL) The compound according to claim 15, wherein n is equal to one and Z, Z₁, Z₂, Z₃ and Z₄ are each a carbon atom.

25. (ORIGINAL) The compound of Claim 15, wherein said compound is selected from the group consisting of: KPU-2, KPU-11, KPU-35, KPU-66, KPU-80, KPU-81, KPU-90 and t-butyl-phenylabistin.

26-40. (CANCELLED)